

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20: Cancelled.

21. (Previously Presented) A pump comprising:

a pump assembly that includes:

a pump housing that defines a cavity,

a roller disposed in the cavity, and

a motor for moving the roller relative to the housing;

a cassette assembly removably disposed in the cavity and including:

a cassette housing having a compression surface, and

a hollow compression tube secured to the compression surface;

wherein as the motor moves the roller, the roller presses the compression tube against the compression surface to create a moving occlusion of the compression tube for pushing fluid through the compression tube;

wherein a channel is formed in the compression surface, the hollow compression tube includes a flange extending along a length thereof, and the flange is removably engaged with the channel for securing the compression tube to the compression surface;

wherein the cassette housing includes:

a lower cassette housing portion;

an upper cassette housing portion removably attached to the lower cassette housing portion.

22. (Original) The pump of claim 21, wherein:
the lower cassette housing portion includes an annular sidewall and a shoulder extending from the annular sidewall;
the upper cassette housing portion includes an annular sidewall; and
the annular sidewalls of the lower and upper cassette housing portions mate together to form the compression surface, where upper cassette housing portion sidewall is positioned a fixed distance away from the shoulder to define the channel.

23. (Original) The pump of claim 21, wherein:
one of the lower and upper cassette housing portions includes tabs for engaging the other of the lower and upper cassette housing portions.

Claim 24: Cancelled.